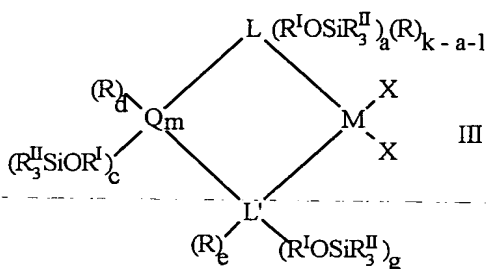
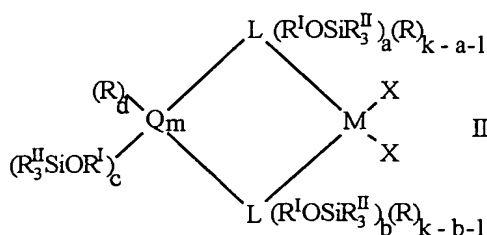


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$$(\text{LR}_k)_z[\text{LR}_{k-f}(\text{R}^{\text{I}}\text{OSiR}^{\text{II}}_3)_f]_x\text{MX}_y \quad \text{I}$$



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L, equal to or different from each other, is selected from the group comprising: cyclopentadienyl, indenyl, tetrahydroindenyl, fluorenyl, octahydrofluorenyl or benzoindenyl; each **R** is independently selected from hydrogen, C₁-C₂₀ alkyl, C₃-C₂₀ cycloalkyl, C₆-C₂₀ aryl, C₃-C₂₀ alkenyl, C₇-C₂₀ arylalkyl, C₇-C₂₀ alkylaryl, C₈-C₂₀ arylalkenyl, linear or branched, optionally substituted by 1 to 10 halogen atoms, or a group SiR^{II}₃; each **R**^I, equal to or different from each other, is a divalent aliphatic or aromatic hydrocarbon group containing from 1 to 20 carbon atoms, optionally containing from 1 to 5 heteroatoms of groups 14 to 16 of the periodic table of the elements and boron ; preferably it is: C₁-C₂₀ alkylene, C₃-C₂₀cycloalkylene, C₆-C₂₀ arylene, C₇-C₂₀ alkenyl, C₇-C₂₀ arylalkylene, or alkylarylene, linear or branched, or a group SiR^{II}₂; each **R**^{II} is independently selected from C₁-C₂₀ alkyl , C₃-C₂₀ cycloalkyl, C₆-C₂₀ aryl, C₃-C₂₀ alkenyl, C₇-C₂₀ arylalkyl, C₈-C₂₀ arylalkenyl or C₇-C₂₀ alkylaryl, linear or branched; preferably R^{II} is methyl, ethyl, isopropyl; each **Q** is independently selected

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